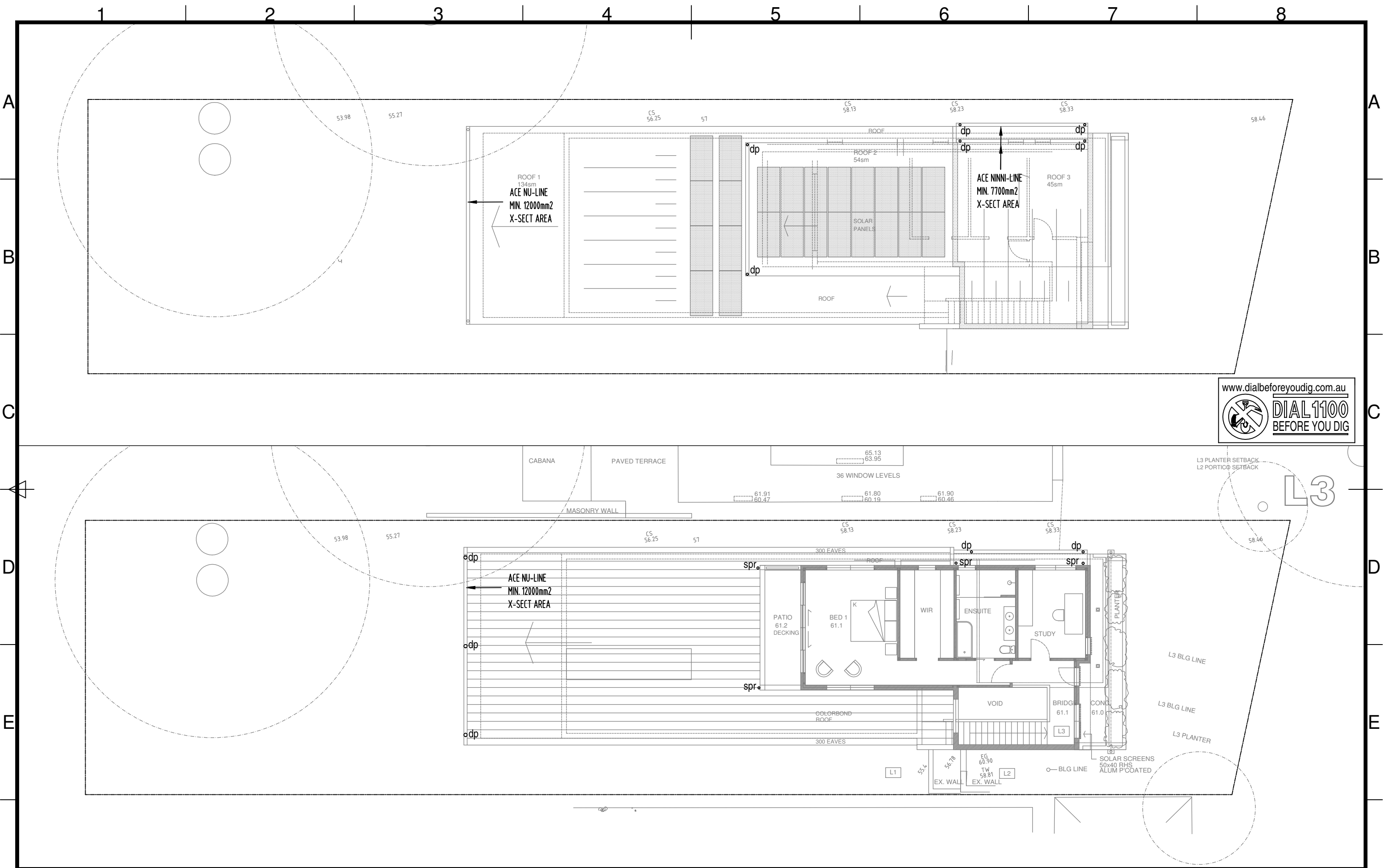
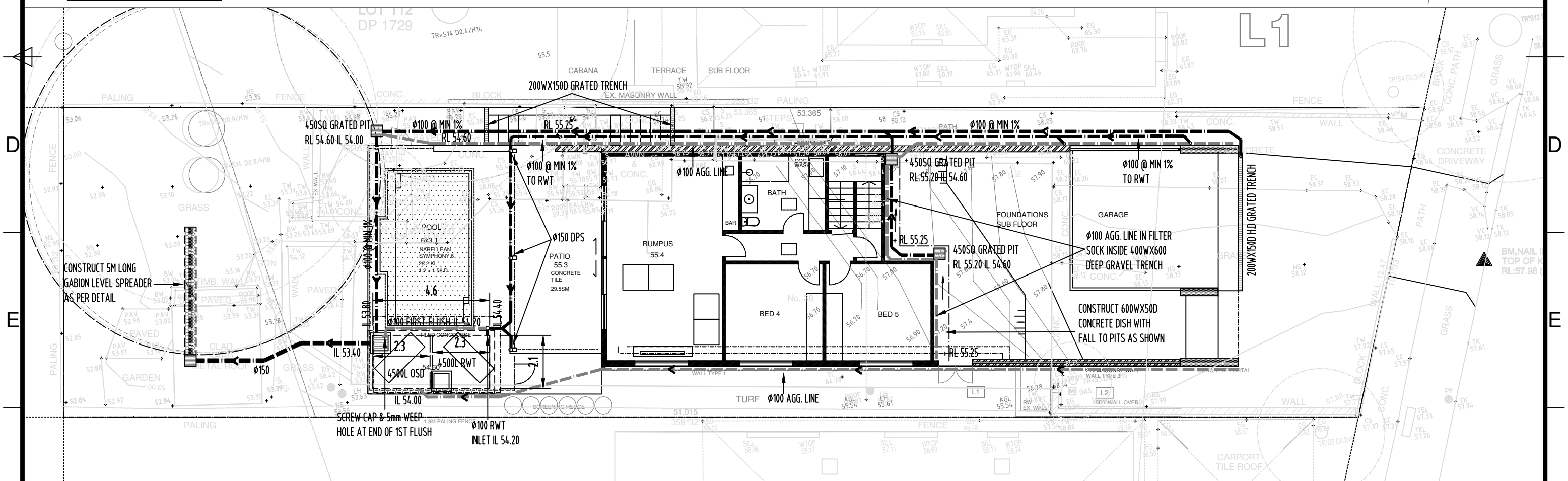
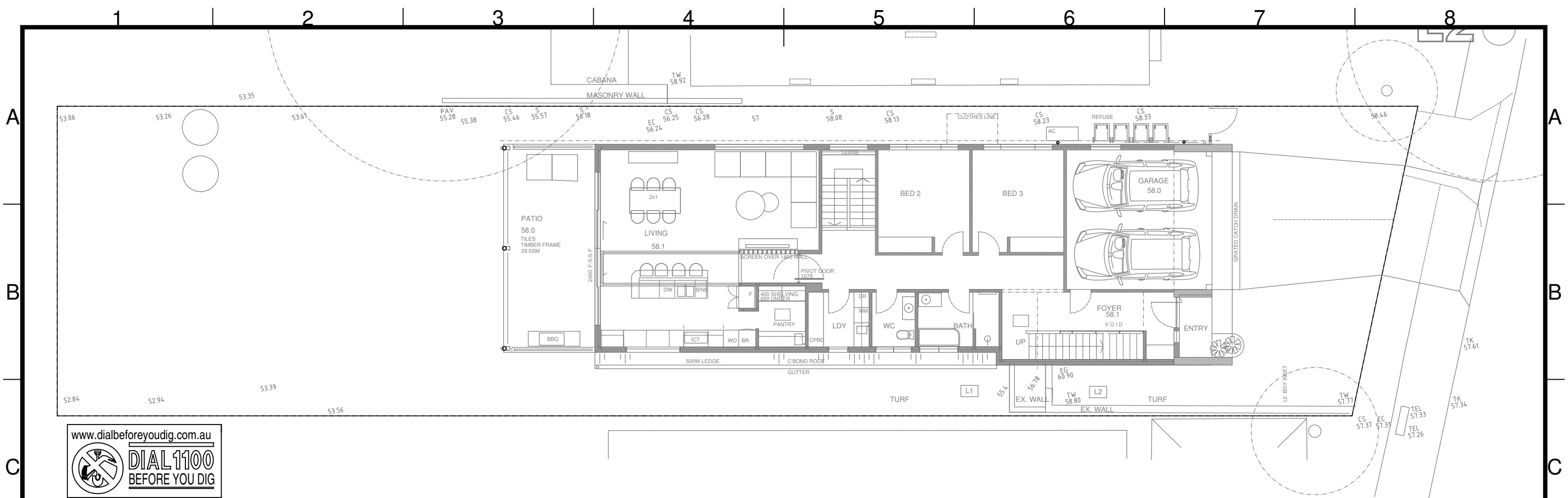




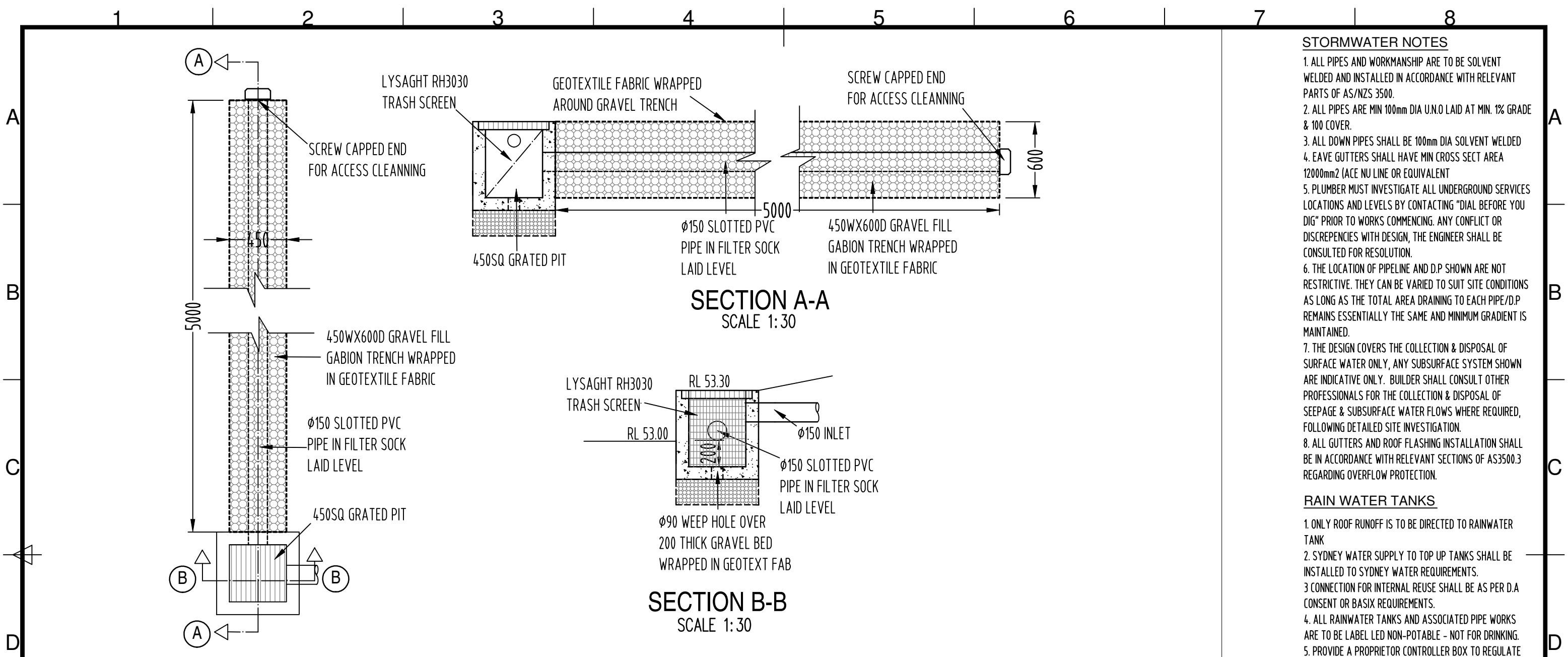
Rev	Description	Eng	Draft	Date	Client	Title	DEVELOPMENT ENGINEERING SOLUTIONS 21 GRAND AVE, WESTMEAD 2145 P 8898 9830 M 0411506738
					Mr JungBlut	ROOF & FIRST FLOOR DRAINAGE	
					Drawn MN	Designed MN	
					Checked MN	Scale 1:150	
					Proj No. 240910	Drw No. C01	Project NEW DWELLING AT 38 HILLTOP CRS FAIRLIGHT
					Issue A	Date 5.6.25	
A	FOR DA SUBMISSION	MN	MN	21.6.25			



Rev	Description	Eng	Draft	Date	Client				Title			
					Mr JungBlut				GROUND & LOWER GROUND FLOOR DRAINAGE			
					Drawn	Designed	Checked	Scale	Project			
					MN	MN	MN	1:150				
					Prj No.	Drw No.	Issue	Date	NEW DWELLING AT 38 HILLTOP CRS FAIRLIGHT			
					240910	C02	A	5.6.25				
A	FOR DA SUBMISSION	MN	MN	21.6.25								

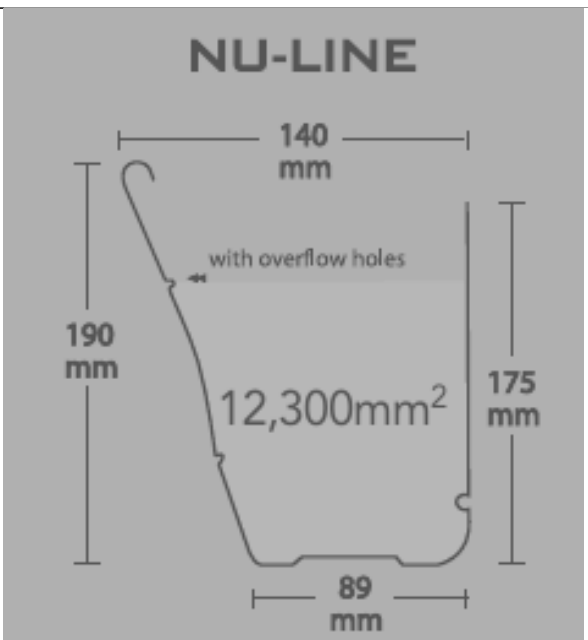
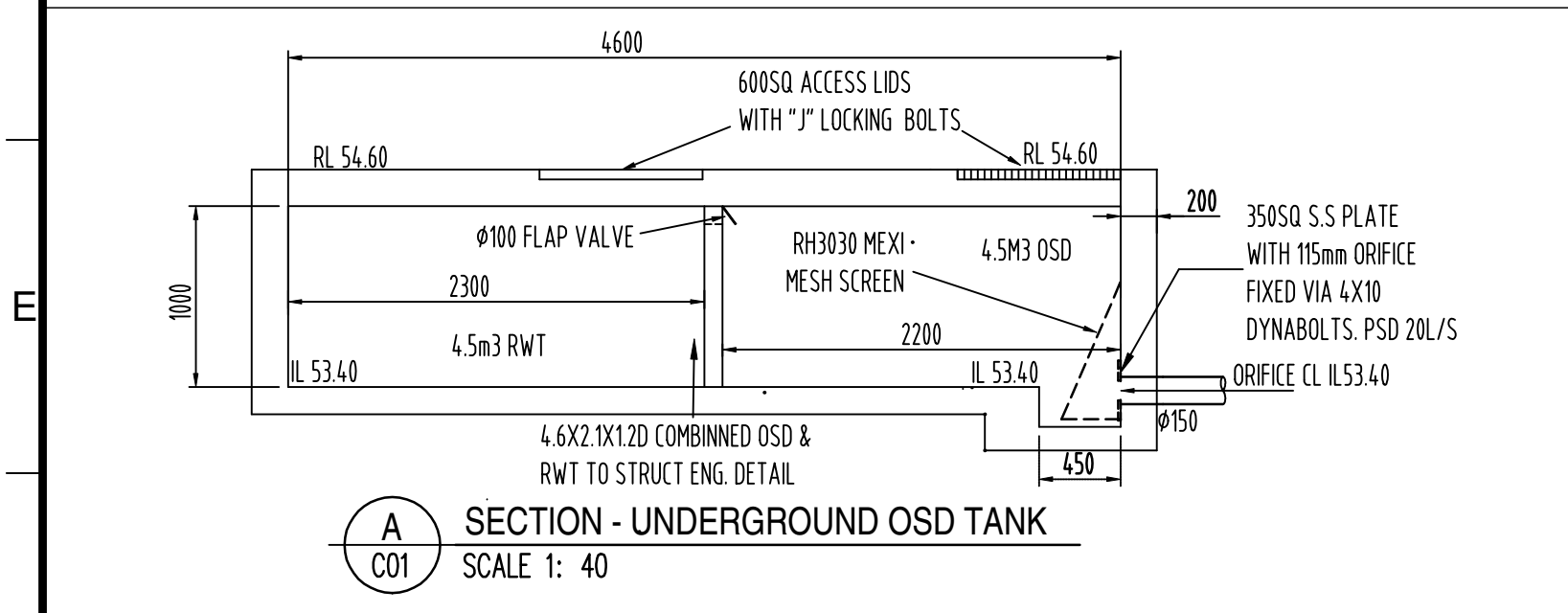
DEVELOPMENT ENGINEERING SOLUTIONS

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- STORMWATER NOTES**
1. ALL PIPES AND WORKMANSHIP ARE TO BE SOLVENT WELDED AND INSTALLED IN ACCORDANCE WITH RELEVANT PARTS OF AS/NZS 3500.
 2. ALL PIPES ARE MIN 100mm DIA U.N.O LAID AT MIN. 1% GRADE & 100 COVER.
 3. ALL DOWN PIPES SHALL BE 100mm DIA SOLVENT WELDED
 4. EAVE GUTTERS SHALL HAVE MIN CROSS SECT AREA 12000mm² (ACE NU LINE OR EQUIVALENT
 5. PLUMBER MUST INVESTIGATE ALL UNDERGROUND SERVICES LOCATIONS AND LEVELS BY CONTACTING "DIAL BEFORE YOU DIG" PRIOR TO WORKS COMMENCING. ANY CONFLICT OR DISCREPENCIES WITH DESIGN, THE ENGINEER SHALL BE CONSULTED FOR RESOLUTION.
 6. THE LOCATION OF PIPELINE AND D.P SHOWN ARE NOT RESTRICTIVE. THEY CAN BE VARIED TO SUIT SITE CONDITIONS AS LONG AS THE TOTAL AREA DRAINING TO EACH PIPE/D.P REMAINS ESSENTIALLY THE SAME AND MINIMUM GRADIENT IS MAINTAINED.
 7. THE DESIGN COVERS THE COLLECTION & DISPOSAL OF SURFACE WATER ONLY, ANY SUBSURFACE SYSTEM SHOWN ARE INDICATIVE ONLY. BUILDER SHALL CONSULT OTHER PROFESSIONALS FOR THE COLLECTION & DISPOSAL OF SEEPAGE & SUBSURFACE WATER FLOWS WHERE REQUIRED, FOLLOWING DETAILED SITE INVESTIGATION.
 8. ALL GUTTERS AND ROOF FLASHING INSTALLATION SHALL BE IN ACCORDANCE WITH RELEVANT SECTIONS OF AS3500.3 REGARDING OVERFLOW PROTECTION.

- RAIN WATER TANKS**
1. ONLY ROOF RUNOFF IS TO BE DIRECTED TO RAINWATER TANK
 2. SYDNEY WATER SUPPLY TO TOP UP TANKS SHALL BE INSTALLED TO SYDNEY WATER REQUIREMENTS.
 3. CONNECTION FOR INTERNAL REUSE SHALL BE AS PER D.A CONSENT OR BASIX REQUIREMENTS.
 4. ALL RAINWATER TANKS AND ASSOCIATED PIPE WORKS ARE TO BE LABEL LED NON-POTABLE - NOT FOR DRINKING.
 5. PROVIDE A PROPRIETOR CONTROLLER BOX TO REGULATE WATER SUPPLY FROM RAINWATER TANKS FOR INTERNAL REUSE.
 6. PROVIDE LEAF GUARD TO ALL GUTTERS & MOSQUITOES NETTING TO R/W TANKS INLET, WITH APPROPRIATE AIR GAP.
 7. RAINWATER TANK INSTALLATION & THEIR ASSOCIATED FITTINGS & FIXTURES SHALL COMPLY WITH RELEVANT SECTIONS OF AS/NZS 2179-1994 & AS 2180-1986.



Rev	Description	Eng	Draft	Date	Client	Title
					Mr JungBlut	SECTIONS & NOTES
					Drawn MN	Designed MN
					Checked MN	Scale 1:30
					Proj No. 240910	Drw No. C03
					Issue A	Date 5.6.25
A	FOR DA SUBMISSION	MN	MN	21.6.25	Project NEW DWELLING AT 38 HILLTOP CRS FAIRLIGHT	

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